

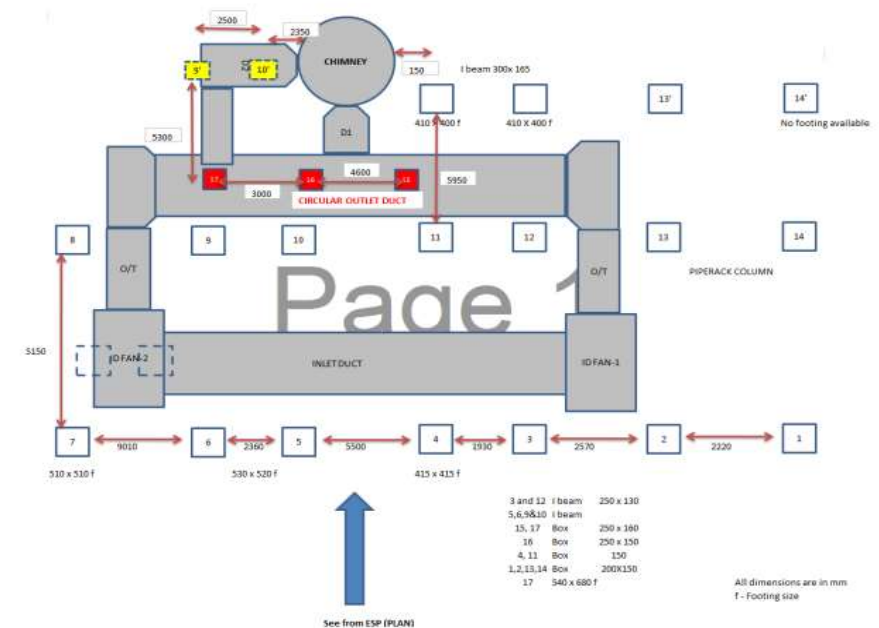
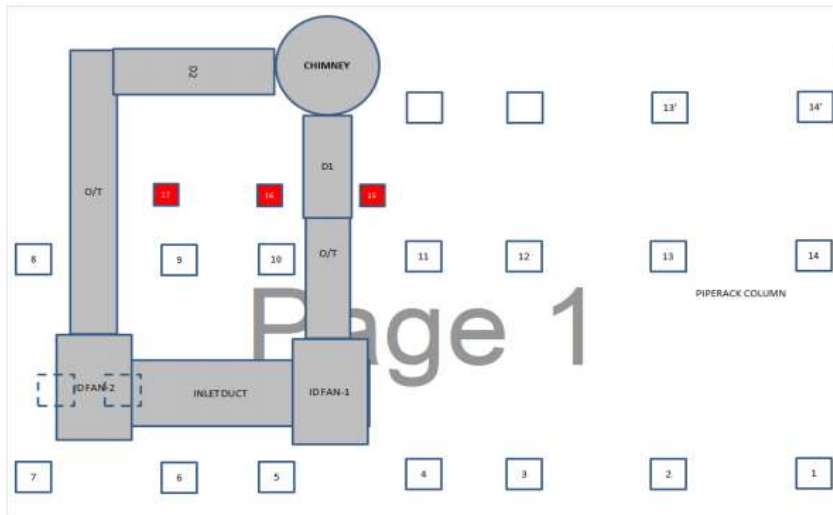
Plant visit & study of existing systems of WHRB boiler

Client: Chear India Private Limited

Project: M/s Aarti Steels. Odisha

Scope Of Work: Reasons for capacity reduction of the existing 54.5 TPH WHRB due to the ID fans performance is studied

- 1) Preparation of Column marking and Duct mechanical details collection
- 2) Flue gas Duct pressure drop calculation
- 3) Possible solutions provided for reducing the flue gas pressure drop



Plant visit & study of existing systems of WHRB boiler

Client: Chear India Private Limited

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		AARTI STEELS LIMITED																					
		POWER PLANT CONTROL ROOM LOG SHEET																					
		54.5 TPH WHR BOILER										DATE :											
TIME	PH - KSCMP	TEMP - °C	FLOW - TPH	PH - KSCMP	FLOW - TPH	ECO - IL TEMP - °C	ECO DL TEMP - °C	FLOW - TPH	DSH DL - °C	PR - KSCMP	LVL - 1 - %	LVL - 2 - %	NEED / HR	SLR DL - °C	RAD CH OL - °C	ECO IL - °C	ESP IL - °C	ESP DL - °C	FAC CH IL - MMWC	RAD CH OL - MMWC	ECO OL - MMWC	ESP OL - MMWC	DAMPER %
08.00 AM	80	545	32	110	28	144	306	4.3	334	92	61	57	-	287	719	302	266	167	-22	-105	-73	-13	624
10.00 AM	72	543	39	115	32	147	307	4.1	335	90	60	56	-	288	719	301	269	167	-22	-105	-73	-13	624
12.00 PM	91	545	30	116	26	146	307	4.2	341	92	61	57	-	287	719	302	266	167	-22	-105	-73	-13	624
02.00 PM	86	545	29	116	28	146	302	3.5	338	92	59	55	-	287	719	302	266	167	-22	-105	-73	-13	624
04.00 PM	80	545	31	115	29	145	302	3.4	338	92	59	55	-	287	719	302	266	167	-22	-105	-73	-13	624
06.00 PM	81	546	31	115	29	145	302	3.4	338	92	59	55	-	287	719	302	266	167	-22	-105	-73	-13	624
08.00 PM	81	542	30	113	28	145	302	3.4	338	92	59	55	-	287	719	302	266	167	-22	-105	-73	-13	624
10.00 PM	91	542	31	113	28	145	302	3.4	338	92	59	55	-	287	719	302	266	167	-22	-105	-73	-13	624
12.00 PM	86	542	31	113	28	145	302	3.4	338	92	59	55	-	287	719	302	266	167	-22	-105	-73	-13	624
02.00 PM	81	542	31	113	28	145	302	3.4	338	92	59	55	-	287	719	302	266	167	-22	-105	-73	-13	624
04.00 PM	81	542	31	113	28	145	302	3.4	338	92	59	55	-	287	719	302	266	167	-22	-105	-73	-13	624
06.00 PM	81	542	31	113	28	145	302	3.4	338	92	59	55	-	287	719	302	266	167	-22	-105	-73	-13	624

A - SHIFT

B - SHIFT

C - SHIFT

AARTI STEELS LIMITED	
POWER PLANT CONTROL ROOM LOG SHEET	
54.5 TPH WHR BOILER	
DATE : 16.5.23	
PRESSURE ID FAN	
ECO DL - MMWC	
ESP OL - MMWC	
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